20 cents per copy

The SEPTEMBER 13, 1930

AVIATION News

A Reporting Service for Busy Aviation Men

Planes on Line Ready for National Air Tour
'30 and '29 Tour Formulas Contrasted
International Law Association Considers Air Code
Chamber Notes July Production, Sales
Also Reports Quarterly Transport Operations
Newark Now Eastern Terminal
The International Air Congress at The Hague

Published by McGraw-Hill Publishing Co., 1ur. Publishers of AVIATION



beegh made his epochal tracemanufacture of airport lighting equipment The development of this apparatus was entrested

pearest Westingborne Electric or Westingborne

marbouse. For desided information regarding marker lights

years has been contributing important develop-With this outstanding background of experience, coupled with the unique consulting service render-

ed by the Westperhouse Illuminations Increases ing Bureau, it is only mound that sirport officials about cones their highten problems to West-

Comblete Linkson: Service for an "A" Appear

Lamp Company office.

THE R. LEWIS CO., LANSING, MICH. 49-140, LANSING, MICH. 49-140, LANSING, LA A Print Service and Advantage of the August Address of the August Annual Annual



Proposer, Reserv Land by Combo

The AVIATION News

SEPTEMBER 15, 1930



HIGH POINTS P. Performance Test. Factors in each served National Air Tow for

the Schot R Food topky master a store in Sept. 13, 48175ng tip-neast, indeed-dis tips will take the first over a 4,001-m, comes,

 the Leavent Cute. Free recuries, netwheel as addition to · James for Joh - Aero Chember stringles reced 266 planes more Figures for July - Acro Chember streams reveal 20th parises to the produced and 201 wolf on July, reduciding that miss continued to re-lease reconstructed stack. for first 7 mm. of 1900 phases produced mass level 1,721; planes roll, 1932. Tags 10.

 Buddag O'er Ar Phone A recent of the securities of the place gathered device of the Reseal President Co., in recent in Detroit to the Detroit Average Cop. A Phone place is used. · Antonior National Air Transport Spanishes in content provined





LA APOLLO SOLVIAGO S N

HIGH IN THE SKY

BEADY FOR THE HEIGHT

TIEUTENANT Apollo Sonrek, E. S. Nevy Avietor 4 established world's new altitude record of 43 166 feet on June 4th, 1930 with Wright Apache plane powered with Pratt & Whitney "Wasp" Engine . . .

GULFPRIDE OIL 120

Lt. Soutek reports . . . "As far as the engine in the Anache is concerned, it worked perfectly on this record flicht . . . A High Grade Gulf Oil Colled GULFPRIDE

Lubricate your aircraft, motor car or motor boat with

year merd for Inhritation."

GULFPRIDE OIL America's Finest Lubrication Oil for Automobile. Motor Boot and Aircraft Enrines.

GULF REFINING COMPANY



Report Reorganization Of Brunner-Winkle Corp.

NEW YORK-A research on a 100

French Fliere Win \$25,099 Print

Score of Airplanes Groomed To Compete in National Tour Itinerary Impolyes 4.831-Mi. Journey: Fliers

Seeking Edsel Ford Trophy Under New Formula to John T. Neck compete with a Corton entry, that Allerd V. Verrylle will enter out of lost

notes of Carolin. The receptor structure, C. V. Johns and most be Hard Manched which will bring the physics back to d. Co. of Clicings in a first preserve Datestic on Europ. Dr. and green up your pages? In Manche or Dr. Dr. and green up your pages? In Manche or place phase phase beautiful. As the true event days before the Cooley Rollin Cett. of

1930 and 1929 Tour the dest of the year last year. Many Formulas Compared Figure on Residu in 120 Show Types of Graft Forward treths, it would be expected that the By Honey O. Dattion, Jr.

not see the time, the commons has adopt made make change in the Springle with Authors $\left\{ \frac{\text{Tour Load} \times \text{Max Speed}}{\text{1-4-lock}} \times \frac{10}{\text{Days}} \right\}$

Pat Into Service sky S-41 when it was put into service, September 7, or an impression flight shows the and point of South Assensiof 78 to 55 or, a length over-all of 45 ft. 29 to, and a terripe coding of 15 900 ft

X Leg Speed - Leg Score make light of non-difference in standing

Test from Chand Build

September 13, 1938

The heaty quadration is not to be could be properly to Service Creft toward in however, that the 'creft' Old Byon Plent to Service Creft's

Mechanical Whole

Sance Flying Londo

will be operated as a general ampliced service station. Al C Maphies for new formula odely bosone or as more surely consented with the Kyah wavengs.

"rick" and "convert" been. The or in has been appointed annayer and will be for the feer that its largh upon the set of or system couples and was 200 to p.h.! Another change of first chin report doubling for averboding and replining team has been made in the method of stirrually of trees of phone

There is \$100 a place proving a figure for Policia de con completo riconScore of Planes Grouped To Compete in Tour

The 1900 breach is rachooly different from that of loss year. The social resistance of 1900 xet 1929 Tucy Formulas Compared (corried on page 4) longer

proper some that would be made this year of Billy Hoose, Teen Cally, Ray Colkson Freek Handa and C. V. Johns, 12 may nothing at the "togothers" like Charlie Silvyen, George Bioloman, John Law-

Obligate Top officers Toy Showhair Simon who for the School more place later chreatered 'The Prik of Detroit. New obsessed The Prik of Detroit. New, with Wast endorses. have at most first stated at that a position of the property and the state of the s

Russell Airplane Chute Demonstrated Public Test at Detroit

DETROLE—Before a master of new-manifest leaders, all of whom dealared low caller angled to de proge-

training you print to believe the relative to training you print to believe while the tray and the plant whether an internal desired that it the last or right.

Prepare Virginia Air Dorbo MOMENTAL (va.)-One of the our



Parachutes, Planes,

to the lag 20 mais of Tru Analysis cope 120 complete child monophine Street Section 1 Tru Analysis cope 120 complete child monophine Street Section 1 Tru Analysis cope 120 complete child and the Life to

Canadian Air Pageant

Held on Scotember 6, 7

The Atlanton Name

CALENDAR Dec U.S. Septembly Tree produced with a september of the contract of the contr

April Life | 10 American Scientif Reposition,

Deelve Searing Pilote

No. 19 Des 14 Separational Steen Steam Street Street Policy Form, Theoret, garden the steen glow of December Specifics, the December Street, page 1

Salair of Astronomy Engineer Property of Stational Property

Fire Firety to Bullay School

Plan for Third Arksman Tour DALLAS - Dallas, Avenues Salooi, either the last needs in Scientilla or

Enter the N.G.A. Contests

World Law Group Drafts Aviation Code Aires Proposals Administral

NEW YORK-Dones wrome of the

part about carry the spects agree as

miners, is the America gliding and

Of the above province. No. 2 is fully cared for in the E.C.A.N. while Stor. 3

Test Dougles Assobibiou

Love Profit, Inn collected for First to - too next week in Orbiter. Details not measure or meeter constraints places from Compeliated Assessible Dept. will be revised out by anushers of the resignation with the wing or each side of to replace the training plates now or too. Lefts Rock deeper, N.A.S.

Onen Bids Received For Phone Corrier No. 4 Bellides Stoleting Cop.

Vancolistic Onlant 500 Indas

Air Corns Orders pancy state, with a contraction per policy of 25 mag, prior tell for backley. Five Planes, 24 Engines of navier, 105-703-000

Don in the first base that occoregie cluding space parts and distribute, of \$132,9140. Those craft will be pre-und with Warp regime. the present uses naving sent and the "Leangton" were prigranly bade couldny, while the "Leaghty" was a The limit of cost, rachelogy tracer and

Gordon Brunett Rocers Poised for the Take-Off



See the day like her took off from being it.

Checked Argori is to faster like to the day to the day of the day and the faster like to the day of the day the course squeeze was measure at the Landon-March Course and Cour

First Annual Meeting Of Michigan Board Held

and rurging of the Stateges Board of

Finis Edwar had here Methord The same payrously had related to

port leasure:
Mathemate Arman at Detrait which

AIRCHAFT DEVELOPMENTS



Parms Successful ness were man

Recards of the Thompson Trophy Bace

As Work on Metal Vougle

princip marker by Lorst Lebend H. Welst of the Percent at these at these of Armaneurica The raw plane, well be

with a value, has power plants of Hold Lexion Air Most Military production noticed 65 mg learn to July with a citize of \$1.07. At Philadelphia Airport

Tone I offe, of Philadelphia same in may be the count purpose on the Co. Such as Darrick, no. 2 Beet benner you first piper. The O.S.5 years with piper to the fact Cap Decadron with the fact Cap Decadron.

GARDIN CID. (1 1 N x)—The old the formula harden come to the old the formula harden come to the cide to the come and to the cide to the come and to the cide to the come and the cide to t

NEW FIRMS Secley, Edward L. Quem, to ded in

Scrumes France Struck, Dr. France North Account, con-

SCHOOLS

United States Army for Corps has surplesed from First S-AT planes

tioned on Sept. 10. Construct Tension Alexand. Soc. Assessment Junesco, formerly info-Numerous Section Co. Lynck Babbler, Judgeow Re. Planter manager of Mod. Stepath Corp., open

BRITTIY Huge Plet of the Assessor Larket in

Max Gos II A. McBren heat of the

REPRESENTATIVES

PERSONNEL

soldiery attacks for air Borky Co-

+400

All entries in Non-Stop Derby "Wasp" and "Hornet" powered

"Wasp" carries Wiley Past-winner-Las Angeles ta Chicaga in 9 haurs, 9 minutes, 4 secands, Others finish full throttle arind within 49 minutes elansed time.



ner hour. The chancel time of the other carstestuate checked within 49 minutes. Such a record such unexestionable reliability and is a superuse tribute to sillots, planes and dependable corne namer. With their earlies turning well over 2000 v.m.rs. all fire planes reached their destination with time table remarks.



Back of every aircraft cogine hearing the formers, "Flying Earle" seed stond years of exseriouse in the Jearn and paradicture of radial percooled power plants. From countshaft to cetter pine the much of each "Wasp" and "Hornet" engine have been the subject of constant study and development. Expert erafteninsoembly. Such detailed cure pays. How well it may has been indefably written in the official time record responsed at the left.

Azz Base Non-Ston Deeler when five Peat &

from Les Angeles to Chicago at full throatle for

Los Angeles to Chicago in 549 missood. That

AT THE NATIONAL AIR RACES

-And "Speed" Holman with "Wasp Junior" Wins



September 13, 2100

PRIOTED BY Sheed! Holour, the B.F. Goodrich Belder Company's Laird Special Succhiar you the Thompson Trophy Race with an average speed of 200.50 miles per hour. Personal and a Property Whiteness Wash I record the place made a spectagalar showing in this 100

Fixing project a field of planes upon which exactded, the Wasp James Load continuous able demonstrated its statutes. Only forty remone before the start of the race was the "Warn Jagger" warmed on and flown for the last time -and then only for tea primper. From over the Laird plant to the starting line and put though a round which provided addressed cridence of the porten dependability of Penn

& Whiteen engine Sweet, reliability, and power to meet the read profiling demonds! Three are the englither of Post A Whitney engines which have correct for them the enthrosa-to: endersement of pilets "Wasp" and "Herost" engines contribute deacadebic power with fueltiess regularity day in and else out on airbines thousehout the country.



Thompson Trophy Race

Average Speed 201,91 m, p. h.

PRATT & WHITNEY AIRCRAFT CO TAST HARTFORD . . . CONNECTICUT Accord Compare, Ital, Ecoporal, P.Q. or Con-termed Parent by Bearing Moor Works, Names,

Wasp & Hornet Engines_



* The many of Captain Page in the Victor James Western, New York, to

WATCHING THE NEWS GO BY on a treatment oftens, on long plant, expelle of enfour phone 250 A rise of florable the man have been makes an hour, ben't hereing and take

THE DAILY PRESS

The Air Roses

United Agreets 15, with Despise Set. lates, Derive Arritant & Engine, Feb. lar and Meetley Page displaying Eng-

Transport Report

Issued by Chamber Increased Operations

AIRWAYS

paid perchapted of reports carrying the paid perchapters during the first five they. The numbers is said to be plan than the addition of a second more

Hanger Fire Data Postponed of the Fard Realine Committee on Com Account to the Fard Realine Committee on Com Account to the Manager Fires, to have been Aug 16 17—Scenh (Cole.) Managed

for reliability simplicity of operation

Airline Announces Recent Passenger Traffic

September 15, 2530

New Resultations

For Rudio Proposed

Ant 22-inservedate Pittl at Co. first oil come and Besteries

N.A.T. Transfers To Newark Airport NEWARK-Netonal Air Transport is

Airport Dedications The Williamson-John-on Managard

toward, a public lossing, a piloto' room together with landouses and showers

SAFE Disconfence Unc.

tember 4. A large group of once and violented personage participated in the femal entirement. The Report was built by the famed of Omers Book Co-

Wayne County's Airport Dedicated \$100.000 of It is expected that contracts were to Fix strylens or larger No. 4 at the get under say below 0.1. The Hall Kinsan City August August 29. Loss of the fact both was \$253,747.

company, \$6,000 destroyed, an old. The Ocals (Etc.) Arrives is re Tarkings; norm Stelen, whired all on he results require consisting. shout 200 never in the Little Rock (Agh.) Hanning Arrows, though the True. The Garance (Calo.) ery seems Manager in her peoples of 200 ness text of lead occupancy

Surfacing and Improvements those TERM used of socials on

event event. The following course we want to be seen by show the following course with the \$35,000 for the low of two shorts, and the service resource was the statement of the service was a service response to the log short, which are service response value for the log short was a service and the log short was a service with a service was a service with a service with a service was a service was a service with a service was a service was a service when the service was a service when the service was a service w

But on a number of steen for the being restord with green, the real being restored with green, the real being on the post is being regreend Enittings

office, picer quoten, weather berein office restaures, and treket office.

in case of free page 175

Mile Busic Sets Durance Nork Fifth International PARK - After four unmovedal st-

Frenchesea Seek Biberea Can-PARTS - Commondant Server and

The Repoline Ascendi Cury, at the Jine Course, compand with not Sendi, Pa., and common to produce automated \$120, and a rat loss of \$200, and a rat lo

19483 - After four unmounted at Air Congress Meets Mil Marjin State moreolo copy in brophing the figures and Dawason To Meet Again in 1931; THE HACUE-Over on headed

Amount the other conditions access Any I and Cot. II. Laid wor of war he processed to tree all-and non-too by the Manghanian, Eurobible and sales following agency regulates.

movement operation Remember the and Treatment Profiteers C Lays Wight Arrosontical Cogs. at its plant as Patients, N. 1, will be repossible payods of Commo Winght in Jane were A for Terrina and South Profiteers.

Wright Acronation

A set loss of \$899.95° was reported. London, A D Dought Cody animally by the Bright Assessment Corp., for the commenter of Bright Assessment Corp., for the commenter of Bright Assessment Corp., for the commenter of Bright Cody. of the NACA, Protessor Memoire M Monn of the Gappenhon Foun-cisign, New York University, Dr. W.

Asso Fredric Hays 1 000 hr.

Condor Line Gets Brazilian Contract

mounce Particulars A new Marrows 196-west radio and Of CurtingChina Contract

count, that abbout his father was Beigh French, Indian and Counte. Mr. Comprehen was not an extraord by said latest suggest account an extraordinal angleton late beet durant comprehen examination. Published you make The primary purpose of the

Teeffic Increases

On Chilean National Line

present and Deress Clear Agreem addition to hills assisted from at the



Diornece August Formi of Freeareditions note becoming they wond

Since Bright August Scharts Printer Pr

Laurent Torol Air There Place

Auchon 150 H P. Money

Deliverhead Gray Meth with side Imperiod stid bispared. You had sme Leels and fits life any Mile THE PERSON NAMED IN

FOR SALE

BARGAIN

We have for sale the following used plants which have been account. Non-red Model Consum Street Was Town Wag 1 Floor Wright J-1 198 Chicago of Place 2 PW Waser 180 New York

> ALL IN GOOD CONDITION ALSO SEVERAL NEW AND USED WESCHE TO ENGINEE

Dineir

BELLANCA AIRCRAFT CORPORATION NEW CASTLE, DEL

ARGO SPORT BUTTANE

MITTORS FOR SALE to Colombia meter PERSONAL PROPERTY AND

TWO NEW ADDR



Where to Fly

SEARCHLIGHT SECTION

Personal State of the Control of the

TO THE PARTY OF TH

EACH SEA OF THE CONTROL OF THE CONTR

Aircraft
Service Directory

AIRCRAFT INSTRUMENTS
AND FOUIPMINT

Professional Services

WIND TUNNEL

When You've on a Planty
Wite or Thomas
Searchight Department
Touth does no 1985, St. N. V.

There is a

Searchlight Section

in each McGraw-Hill paper: America Makissa

tenerous Machinia trinsies volution News less Temportation Secured and Machington Engageming

Bernied Mechandring Bicanal World Exercise Engineering New-Bernel Expressing and Mining Journal Engineering and Mining World

Pool Industries Industriel Engineering Mittal and Mineral Markets Poolar Product Engineering Radio Residing Touch World

For advertising rates and other information on any or all of these publications, address SEARCHLIGHT DEPT. Tests Are at 100 St. New York September 23, 2709

You read the sporting pages You read the political gossin

You read motion picture reviews You read the stock market reports

But...

What about the news of aviation?

Every day you pick up the morning paper.
Your exes skim the headlines. Then you note over the

news stories that interest you on spores, polities, talkies, the stock market, news of the day. But how much more important it is to read the news of sylistion—the industry in which you have a definite

evintion—the industry in which you have a definite responsibility!

And by "news of aristion" we don't mean the common garden variety of flight stories. We mean the really vital

solution news that has a direct learning on the future of the industry—on year own activity! You'll find this helpful news in THE AVIATION NEWS... the new weekly reporting service. News of power-maps available, compensive activities.

airport construction projects. , financial news., all the really inportant news of the inclustry. As one subscriber writes: "THE AVIATION NEWS, in really a composite insight of all that has happened around the country, and if you keep it as such, we are sure that is will increase in facor in all territories." Don't leave it to an occasional sample copy to give you the news, less tree red and mail the counten below. It

will bring you THE AVIATION NEWS regularly
tweet work!

THE AVIATION NEWS

10th Ave. at 16th St., New York hardy near so observe subscription to the weeks AVIATION NORTH and fell to here of 10 h, Criticle and Marketon to the new year.

.

Natr

GET ON THE SIDE

BATTALIONS

Every ship in Curtiss-Wright's wide, wellbalanced line possesses a reputation of its own. Land planes, seaplanes, and amphibians—sport ships, sedans, trainers, transports, and fighters—each has carned a record career and its own good name.

For from trim Moth sport to giant Condor transport, each Curtiss-Wright ship has won its share of victories and withstood the extreme tests of speed, endurance and dependability for planes of its class!

But great as are the names of Moth, Travel Air, Curtiss, Keystone, and Loening, they bear an even greater name the greatest of all Flying names—the name of Cartiss-Wright. For from the world's first hops to latest leap of Frank Hawks, the names of Curtiss and Wright give confidence to all who use these famous planes!

Curtiss-Wright builds a ship for every passenger and pilot. This gives dealers a plane to suit each prospect, from student pilot to operator of a transcontinental air line.

To the public Carriss-Wright means dependable flying. To pilots it means stamina and service. And to the distributor, building a business on the confidence of his customers, Curtiss-Wright is a name he can depend on, a name that will help him grow!

CURTISS-WRIGHT SALES CORPORATION

27 WEST 57TH STREET · NEW YORK